

## PERSONAL INFORMATION

## Krishna Gautam



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 🌐 <https://github.com/kgautam07>  
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 🌐 <https://kgautam07.github.io/>  
 Sex Male | Date of birth 15.07.1999 | Nationality Nepali

## WORK EXPERIENCE

01.2020 – 07.2022

## Data Specialist

CloudFactory Limited  
Kathmandu, Nepal

- Delivered B2B projects related to popular sports leagues.
- Annotated Images and Videos for multiple projects and integrated automations with Python.
- Data analysis of ROI for sponsors.

## PROJECTS

02.2023 - 05.2023

## Bug World Game Simulator

- Tech Stack: JavaScript, CSS, HTML
- A web application that simulates bug behaviour in a custom field.
- Extreme programming (agile fashion) with 2 weeks sprints.
- Designed UML diagrams and created User, Functional, and System requirements.
- Created several quality test cases every sprint.  
(<https://github.com/kgautam07/BugWorld>)

09.2022 - 12.2022

## Simana – Hospital Management System

- Tech Stack: HTML, CSS, JavaScript, PHP, MySQL, Python, Apache2
- Designed the ER diagram for major entities: Patient, Doctor, Appointments
- Created secure web portals for multiple users' login.
- Implemented search bars, forms, interactive web interface, and analysis on user traffic using Python.
- Well documented code with proper versioning in GitHub.  
(<https://github.com/kgautam07/Simana>)

02.2023 - 03.2023

## CineMagic – Movie Search Application

- Tech Stack: HTML, CSS, JavaScript, React
- Created a web-based movie search platform using React.
- Used OMDB API to fetch relevant data to match a user's search entry.  
(<https://github.com/kgautam07/CineMagic>)([Website](#))

04.2023 - 05.2023

## DigiTex – E-commerce Website

- Tech Stack: HTML, CSS, JavaScript, React
- Developed an ecommerce website using React and Nextjs.

- Utilized Sanity as a headless Content Management System allowing for quick updates to product information.
- Enhanced website's scalability and maintainability using Reacts component-based architecture. (<https://github.com/kgautam07/DigiTex>)([Website](#))

## EDUCATION

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09.2020 – 08.2023

### Bachelor's in Computer Science

Constructor University  
Campus Ring 1, 28759 Bremen, Germany

- Relevant Courses: Algorithms and Data Structures, Software Engineering, Databases and Web Services, Operating Systems, Machine Learning, Artificial Intelligence

07.2015 – 05.2017

### High School

Canvas International College  
Kathmandu, Nepal

Relevant Courses: Computer Science, Mathematics, Physics, Chemistry

## PROFESSIONAL SKILLS

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### Web skills

- Frontend: HTML, CSS, JavaScript, React, Nextjs
- Backend: PHP, Django, NodeJS
- Testing: Unit test (Python)
- Version Control: Git, Docker, Bitbucket

### Programming Skills

- C/C++, Python

### Data skills

- Data Storage: MySQL, AWS
- Data Handling: Pandas (Python), MS Excel

### Numerical skills

- Analysis Tools: NumPy, Matplotlib

### Misc. skills

- Linux, SSH, LaTeX, MS Office

### Languages

- English (Bilingual Proficiency), Nepali (Native Proficiency), German (Intermediate)